INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 2004/000321

A. CLASSIFICATION OF SUBJECT MATTER									
IPC7: H03F 1/32 According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols)									
IPC7: H03F									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
SE,DK,FI,NO classes as above									
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)									
EPO-INTERNAL, WPI DATA, PAJ									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.						
A	GB 2376613 A (WIRELESS SYSTEMS LIMITED), 18 December 2002 see whole document		1-18						
A	US 5867065 A (ROBERT RICHARD LET 2 February 1999 (02.02.1999)		1-18						
A	US 6141390 A (ARMANDO COVA), 31 (31.10.2000), see whole docu	1-18							
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A	US 6356146 B1 (ANDREW S. WRIGHT 12 March 2002 (12.03.2002),	1-18							
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Further documents are listed in the continuation of Box C. X See patent family annex.									
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention									
"E" earlier a	pplication or patent but published on or after the international	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone							
cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance: the claimed invention control of the control of									
means	nt referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art							
the prior	nt published prior to the international filing date but later than ity date claimed	"&" document member of the same patent family							
	actual completion of the international search	Date of mailing of the international s	earch report						
4 June		1 1 -06- 2004							
	mailing address of the ISA/	Authorized officer							
Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Stefan Hultquist/MN									
Facsimile No. +46 8 666 02 86		Telephone No. +46 8 782 25 00							

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT Information on patent family members

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GB	2376613	Α	18/12/2002	GB WO	0114803 02103892		00/00/0000 27/12/2002
us	5867065	A	02/02/1999	AU CA EP WO	7243998 2289133 0981854 9851005	A,C A	27/11/1998 12/11/1998 01/03/2000 12/11/1998
US	6141390	A	31/10/2000	* AU CA EP US WO	7264898 2289208 0980613 5923712 9851047	A A A	27/11/1998 12/11/1998 23/02/2000 13/07/1999 12/11/1998
US	6356146	B1	12/03/2002	AU EP US US AU AU EP EP EP US WO WO WO	0108296 5840800 6009300	ABBBAAAAAAAAAAABBBAAAA	13/02/2001 15/05/2002 14/05/2002 01/10/2002 05/11/2002 13/12/2001 24/01/2002 18/04/2002 01/02/2001 13/02/2001 13/02/2001 13/02/2001 17/04/2002 17/04/2002 08/05/2002 08/05/2002 08/05/2002 29/01/2003 29/01/2003 24/02/2004 18/01/2001 01/02/2001 01/02/2001